

# Exhibit Q



**UNITED STATES  
PATENT AND TRADEMARK OFFICE**

## Assignment abstract of title for Application 13436321

Invention title/Inventor Diameter Versioning Dictionary Robert Mann, Mike Vihtari	Patent 8989216 Mar 24, 2015	Publication 20130259065 Oct 03, 2013	Application 13436321 Mar 30, 2012	PCT International registration
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## Assignments (6 of 6 total)

### Assignment 6

Reel/frame 056990/0081	Execution date May 28, 2021	Date recorded Jun 01, 2021	Properties 3899	Pages 190
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#### Conveyance

SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

#### Assignors

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### Assignment 5

Reel/frame 052372/0675	Execution date Nov 26, 2019	Date recorded Apr 10, 2020	Properties 150	Pages 45
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#### Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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### Assignment 4

Reel/frame 033868/0555	Execution date Aug 19, 2014	Date recorded Sep 30, 2014	Properties 1901	Pages 181
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#### Conveyance

RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS).

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**Assignment 3**

Reel/frame	Execution date	Date recorded	Properties	Pages
030252/0251	Apr 15, 2013	Apr 19, 2013	6	5

**Conveyance**

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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**Assignment 2**

Reel/frame	Execution date	Date recorded	Properties	Pages
029821/0001	Jan 30, 2013	Jan 30, 2013	3531	257

**Conveyance**

SECURITY AGREEMENT

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**Assignment 1**

Reel/frame	Execution date	Date recorded	Properties	Pages
028090/0775	Apr 17, 2011	Apr 23, 2012	1	3

**Conveyance**

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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